

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 012104-2

09/248,382

APPLICANT

Rama MUKHERJEE, et al.

FILING DATE

GROUP

February 10, 1999

1653

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FM	AA	4 6 0 5 6 4 1	8/12/86	BOLIN ET AL	514	12	
	AB	4 7 3 4 4 0 0	3/29/88	BOLIN ET AL	514	12	
	AC	4 8 3 5 2 5 2	5/30/89	MUSSO ET AL	530	324	
	AD	4 8 6 6 0 3 9	9/12/89	WOOTTON ET AL	514	164	
	AE	4 9 0 4 6 4 2	2/27/90	COY ET AL	514	11	
	AF	5 0 8 4 5 5 5	1/28/92	COY ET AL.	530	328	
	AG	5 1 4 1 9 2 4	8/25/92	BOLIN	514	12	
	AH	5 2 1 7 9 5 3	6/8/93	GOZES ET AL.	514	12	
	AI	5 2 1 7 9 5 5	6/8/96	BOGDEN ET AL	514	12	
	AJ	5 3 6 9 0 9 4	11/29/94	SCHALLY ET AL	514	15	
FM	AK	5 3 7 6 6 3 7	12/27/94	SAWAI ET AL	514	12	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
FM	AL	9 1 0 2 7 4 5	3/1991	WO			X	
	AM	9 5 2 1 1 9 4	8/1995	WO			X	
	AN	9 6 3 9 1 6 1	12/1996	WO			X	
	AO	9 8 4 4 9 2 1	10/1998	WO			X	
	AP	9 8 4 4 9 2 2	10/1998	WO			X	
FM	AR	9 8 4 5 2 8 5	10/1998	WO			X	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

FM	AS	E. Bombardieri, F. et al. "Somatostatin Receptor Imaging of Small Cell Lung Cancer (SCLC) by Means of ¹¹¹ In-DTPA Octreotide Scintigraphy" <i>European Journal of Cancer</i> Vol. 31A, No. 2, pp. 184-188 (1995)
FM	AT	Brown, M. et al. "Somatostatin: Analogs with Selected Biological Activities" <i>Science</i> Vol. 196, pp. 1467-1469 (1977)
FM	AU	Danesi, R. et al. "The Effects of the Somatostatin Analog Octreotide on Angiogenesis In Vitro" pp. 49-50 (1996) by W.B. Saunders Company

EXAMINER

F. Moesie

DATE CONSIDERED

6/1/01

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

U 012104-2

SERIAL NO.

09/248,382

APPLICANT

Rama MUKHERJEE, et al.

FILING DATE

February 10, 1999

GROUP

1653

U.S. PATENT DOCUMENTS

REFERENCE DESIGNATION										U.S. PATENT DOCUMENTS				FILING DATE IF APPROPRIATE	
EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS		
FM	AA	5	4	1	0	0	1	9	4/25/95	COY ET AL	530	323			
	AB	5	4	2	8	0	1	5	6/27/95	KURONO ET AL	514	12			
	AC	5	4	2	8	0	1	9	6/27/95	EDWARDS ET AL	514	16			
	AD	5	4	3	4	1	3	2	7/18/95	ROZENGURT ET AL	514	2			
	AE	5	5	5	2	5	2	0	9/3/96	KIM ET AL	530	311			
	AF	5	5	6	5	4	2	4	10/15/96	GOZES ET AL	514	12			
	AG	5	5	9	7	8	9	4	1/28/97	COY ET AL	530	311			
	AH	5	6	0	1	9	9	2	2/11/97	LERNER ET AL	435	7.2			
	AI	5	6	2	0	9	5	5	4/15/97	KNIGHT ET AL	514	14			
	AJ	5	6	2	0	9	5	9	4/15/97	LEBAN ET AL	514	16			
FM	AK	5	6	7	7	4	1	9	10/14/97	BOLIN ET AL	530	317			
FOREIGN PATENT DOCUMENTS										TRANSLATION					

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS															TRANSLATION	
		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	YES	NO	
FM	AL	9	9	2	2	7	3	5	05/1995	WO			X			
{	AM	0	0	0	6	1	8	5	02/2000	WO			X			
	AN	0	3	0	9	2	9	7	03/1989	EP			X			
	AO	0	3	4	4	2	9	7	05/1994	EP			X			
	AP	0	8	3	5	6	6	2	04/1998	EP				X		
FM	AR	4	1	0	4	3	0	8	8/1991	DE						
OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)																

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

FM	AS	English Abstract of DE4104308-Dated August-29,-1991.	
FM	AT	Frank-Raue, K. et al. "Somatostatin Receptor Imaging in Persistent Medullary Thyroid Carcinoma"	
		Clinical Endocrinology Vol. 42, pp. 31-37 (1995)	
FM	AU	Frucht, H. et al. "Characterization of Functional Receptors for Gastrointestinal Hormones on Human Colon Cancer Cells" Cancer Research Vol. 52, pp. 1114-1122 (1992)	
		DATE CONSIDERED 6/1/01	

EXAMINER

F. Moezle

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 012104-2

09/248,382

APPLICANT

Rama MUKHERJEE, et al.

FILING DATE

GROUP

February 10, 1999

1653

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FM	AA	5 7 2 3 5 7 8	3/3/98	COY ET AL	530	326	
	AB	5 7 5 3 6 1 8	5/19/98	CAVANAK ET AL	514	11	
	AC	5 8 3 4 4 3 3	11/10/98	KRSTENANSKY	514	16	
	AD	5 8 4 9 2 6 1	12/15/98	DEAN ET AL	424	1.69	
	AE	6 0 0 7 7 9 2	12/28/99	DEAN ET AL	424	1.69	
FM	AF	6 0 2 5 3 7 2	2/15/00	YANG ET AL.	514	316	
	AG						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AH							
	AI							
	AJ							

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

FM	AK	Gozes, I. et al. "Vasoactive Intestinal Peptide Potentiates Sexual Behavior: Inhibition by Novel Antagonist" <i>Endocrinology</i> Vol. 125, No. 6, pp. 2945-2949 (1989)
	AL	Gulya, K. et al. "Cyclic Somatostatin Octapeptide Analogues With High Affinity And Selectivity Toward Mu Opioid Receptors" <i>Life Sciences</i> Vol. 38, pp. 2221-2229 (1986)
	AM	Halmos, G. et al. "Characterization of Bombesin/Gastrin-Releasing Peptide Receptors In Membranes of MKN45 Human Gastric Cancer" <i>Cancer Letters</i> Vol. 85, pp. 111-118 (1994)
	AN	Hanahan, D. et al. "Patterns And Emerging Mechanisms of the Angiogenic Switch During Tumorigenesis" <i>Cell</i> , Vol. 86, pp. 353-364 (1996)
	AO	P. Heinz-Erian, et al. " Characterization of a New Group of Substituted Substance P (SP) Analogues to Function as Bombesin (BN) Receptor Antagonists" <i>Abstracts of Papers</i> , pp. 1455 (1986)
FM	AP	Liebow, C. et al. "Somatostatin Analogues Inhibit Growth of Pancreatic Cancer By Stimulating Tyrosine Phosphatase" <i>Proc. of the Nat. Acad. of Sciences of the USA</i> Vol. 86, No. 6, pp. 2003-2007 (1989)

EXAMINER

F. Moesic

DATE CONSIDERED

6/1/01

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 012104-2

09/248,382

APPLICANT

Rama MUKHERJEE, et al.

FILING DATE

GROUP

February 10, 1999

1653

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
AB					

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

FM	AC	Lilling, G. et al. "Inhibition of Human Neuroblastoma Growth by a Specific VIP Antagonist"
		<i>Journal of Molecular Neuroscience</i> Vol 5, pp. 231-239 (1995)
	AD	Pelton, J.T. et al. "Design and Synthesis of Conformationally Constrained Somatostatin Analogues with
		Potency and Specificity for μ Opioid Receptors" <i>J. Med. Chem.</i> Vol. 29, pp. 2370-2375 (1986)
	AE	Pinski, J. et al. "Inhibition of Growth of MKN45 Human Gastric-Carcinoma Xenografts in Nude Mice by
		Treatment With Bombesin/Gastrin-Releasing-Peptide...Analogue RC-160" <i>Int. J. Cancer</i> Vol. 57, pp. 574-
	AF	Reile, H. et al. "Characterization of High-Affinity Receptors for Bombesin/Gastrin Releasing Peptide on
		the Human Prostate Cancer Cell Lines PC-3...Tumor Cells" <i>The Prostate</i> Vol. 25, pp. 29-38 (1994)
	AG	Sautter-Bihl, M. et al. "Somatostatin Receptor Imaging: A New Horizon in the Diagnostic Management of
		Neuroblastoma" <i>Seminars in Oncology</i> Vol. 21, No. 5, Suppl 13, pp. 38-41 (1994)
	AH	Szepeshazi, K. et al. "Combination Treatment of Nitrosamine-Induced Pancreatic Cancers in Hamsters
		with Analogs of LH-RH ... Antagonist" <i>Int. J. Of Pancreatology</i> Vol. 16, Nos. 2-3, pp. 141-149 (1994)
	AI	Virgolini, I. et al. "Vasoactive Intestinal Peptide-Receptor Imaging for the Localization of Intestinal
		Adenocarcinomas and Endocrine Tumors" <i>The New England J. of Medicine</i> Vol. 331, pp. 1116-21 (1994)
	AI	Woltering, E.A. et al. "Somatostatin Analogues Inhibit Angiogenesis in the Chick Chorioallantoic
		Membrane" <i>Journal of Surgical Research</i> Vol. 50, pp. 245-251 (1991)
FM	AK	Zachary, I. et al. "Bombesin, Vasopressin, and Endothelin Rapidly Stimulate Tyrosine Phosphorylation in
		Intact Swiss 3T3 Cells" <i>Proc. Natl. Acad. Sci. USA</i> Vol. 88, pp. 4577-4581 (1991)
	AL	

EXAMINER

F. Moeziz

DATE CONSIDERED

6/1/01

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 012104-2

09/248,382

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

Rama MUKHERJEE, et al.

(Use several sheets if necessary)

FILING DATE

GROUP

February 10, 1999

1653

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
														YES	NO
FM	AL		0	4	6	8	4	9	7	1/1992	EP			X	
FM	AM		0	3	1	5	3	6	7	5/1989	EP			X	
FM	AN		0	3	4	5	9	9	0	12/1989	EP			X	
FM	AO		0	0	4	7	2	2	1	8/2000	WO			X	
	AP														

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	
	AS	
	AT	

EXAMINER

F. Moegle

DATE CONSIDERED

5/31/01

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.